In the Claims

1. **(Currently amended)** A method for dynamic service scheduling comprising:

identifying a template specifying a plurality of ~~events~~ **unfulfilled events associated with an unaccomplished task designated by a user, wherein each of the events define a subtask to be completed to accomplish the task**;

determining a plurality of consumer descriptors**, wherein each consumer descriptor comprises consumer preferences for use during service scheduling**;

accessing a remote service directory having service descriptors for each of a plurality of services;

for each of the events:

filtering the services from the service directory based on the service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine potential ones of the services for fulfilling the ~~events~~ **event**;

querying each of the potential services for additional service descriptors;

filtering the potential services based on the additional service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine selected ones of the services for fulfilling the ~~events~~ **event**;

identifying service links for accessing the selected services; **and**

modifying the template to associate the service links with the ~~events;~~ **event**; **and**

~~determining whether each of the events in the template has an associated service link; and~~

~~when each of the events in the template has an associated service link,~~ presenting the template for ~~acceptance.~~ **acceptance,**

wherein for each of the potential services, the additional service descriptors comprise a plurality of interface descriptors each identifying a feature of the potential service and a format for interfacing with the feature and

wherein each of the service links points to a particular feature of the identified service and specifies a command for accessing the particular feature.

2. **(Canceled)**

3. **(Canceled)**

4. (Original) The method of Claim 1, wherein the consumer descriptors include global descriptors applicable across multiple templates and dynamic descriptors specifying constraints for one or more of the events.

5. (Original) The method of Claim 1, further comprising:

identifying an additional event based on a query to one of the potential services;

modifying the template to include the additional event;

accessing the remote service directory;

filtering the services from the service directory based on the service descriptors, the additional event, and the consumer descriptors to determine potential ones of the services for fulfilling the additional event;

querying each of the potential services for fulfilling the additional event for additional service descriptors;

filtering the potential services for fulfilling the additional event based on the additional service descriptors, the additional event, and the consumer descriptors to determine one of the services for fulfilling the additional event;

identifying a service link for accessing the determined service for fulfilling the additional event; and

modifying the template to associate the identified service link with the additional event.

6. (Original) The method of Claim 1, further comprising receiving an acceptance of the template and, in response, accessing each of the selected services using the service links to request performance of the services.

7. (Original) The method of Claim 6, further comprising communicating payment information to at least one of the selected services.

8. (Original) The method of Claim 1, wherein the template comprises a text based file.

9. (Original) The method of Claim 1, wherein the template specifies events for a travel itinerary that includes an air transportation event, a lodging event, a ground transportation event, and a plurality of activities.

10. (Original) The method of Claim 1, wherein the steps of accessing the remote service directory and querying the potential services each involve communications conforming to a publicly defined protocol.

11. **(Currently amended)** A consumer system comprising:

a database storing a template specifying a plurality of ~~events~~ **unful filled events associated with an unaccomplished task designated by a user, wherein each of the events define a subtask to be completed to accomplish the task** and a plurality of consumer descriptors**, wherein each consumer descriptor comprises consumer preferences for use during service scheduling**;

an interface operable to communicate with a remote service directory having service descriptors for each of a plurality of services and to communicate with the services; and

an agent operable to access the remote service directory, **for each of the events:**

to filter the services from the service directory based on the service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine potential ones of the services for fulfilling the ~~events~~ **event**,

to query each of the potential services for additional service descriptors,

to filter the potential services based on the additional service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine selected ones of the services for fulfilling the ~~events~~ **event**,

to identify service links for accessing the selected services, **and**

to modify the template to associate the service links with the ~~events,~~ **event, and**

~~**to determine whether each of the events in the template has an associated service link, and**~~

~~**when each of the events in the template has an associated service link,**~~ to present the template for ~~**acceptance.**~~ **acceptance,**

wherein for each of the potential services, the additional service descriptors comprise a plurality of interface descriptors each identifying a feature of the potential service and a format for interfacing with the feature and

wherein each of the service links points to a particular feature of the identified service and specifies a command for accessing the particular feature.

12. **(Canceled)**

13. **(Canceled)**

14. (Original) The consumer system of Claim 11, wherein the consumer descriptors include global descriptors applicable across multiple templates and dynamic descriptors specifying constraints for one or more of the events.

15. (Original) The consumer system of Claim 11, wherein the agent is further operable to:

identify an additional event based on a query to one of the potential services;

modify the template to include the additional event;

access the remote service directory;

filter the services from the service directory based on the service descriptors, the additional event, and the consumer descriptors to determine potential ones of the services for fulfilling the additional event;

query each of the potential services for fulfilling the additional event for additional service descriptors;

filter the potential services for fulfilling the additional event based on the additional service descriptors, the additional event, and the consumer descriptors to determine one of the services for fulfilling the additional event;

identify a service link for accessing the determined service for fulfilling the additional event; and

modify the template to associate the identified service link with the additional event.

16. (Original) The consumer system of Claim 11, wherein the agent is further operable to receive an acceptance of the template and, in response, to access each of the selected services using the service links to request performance of the services.

17. (Original) The consumer system of Claim 16, wherein the agent is further operable to communicate payment information to at least one of the selected services.

18. (Original) The consumer system of Claim 11, wherein the template comprises a text based file.

19. (Original) The consumer system of Claim 11, wherein the template specifies events for a travel itinerary that includes an air transportation event, a lodging event, a ground transportation event, and a plurality of activities.

20. (Original) The consumer system of Claim 11, wherein the agent is further operable to access the remote service directory and query the potential services using communications conforming to a publicly defined protocol.

21. **(Currently amended)** A computer readable medium encoded with instructions for dynamic service scheduling, the instructions operable when executed to perform the steps of:

identifying a template specifying a plurality of ~~events~~ **unfulfilled events associated with an unaccomplished task designated by a user, wherein each of the events define a subtask to be completed to accomplish the task**;

determining a plurality of consumer descriptors**, wherein each consumer descriptor comprises consumer preferences for use during service scheduling**;

accessing a remote service directory having service descriptors for each of a plurality of services;

for each of the events:

filtering the services from the service directory based on the service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine potential ones of the services for fulfilling the ~~events~~ **event**;

querying each of the potential services for additional service descriptors;

filtering the potential services based on the additional service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine selected ones of the services for fulfilling the ~~events~~ **event**;

identifying service links for accessing the selected services; **and**

modifying the template to associate the service links with the ~~events;~~ **event; and**

~~determining whether each of the events in the template has an associated service link; and~~

~~when each of the events in the template has an associated service link,~~ presenting the template for ~~acceptance.~~ **acceptance,**

wherein for each of the potential services, the additional service descriptors comprise a plurality of interface descriptors each identifying a feature of the potential service and a format for interfacing with the feature and

wherein each of the service links points to a particular feature of the identified service and specifies a command for accessing the particular feature.

22. **(Canceled)**

23. **(Canceled)**

24. (Previously Presented) The computer readable medium of Claim 21, wherein the consumer descriptors include global descriptors applicable across multiple templates and dynamic descriptors specifying constraints for one or more of the events.

25. (Previously Presented) The computer readable medium of Claim 21, further operable when executed to perform the steps of:

identifying an additional event based on a query to one of the potential services;

modifying the template to include the additional event;

accessing the remote service directory;

filtering the services from the service directory based on the service descriptors, the additional event, and the consumer descriptors to determine potential ones of the services for fulfilling the additional event;

querying each of the potential services for fulfilling the additional event for additional service descriptors;

filtering the potential services for fulfilling the additional event based on the additional service descriptors, the additional event, and the consumer descriptors to determine one of the services for fulfilling the additional event;

identifying a service link for accessing the determined service for fulfilling the additional event; and

modifying the template to associate the identified service link with the additional event.

26. (Previously Presented) The computer readable medium of Claim 21, further operable when executed to perform the steps of receiving an acceptance of the template and, in response, accessing each of the selected services using the service links to request performance of the services.

27. (Previously Presented) The computer readable medium of Claim 26, further operable when executed to perform the step of communicating payment information to at least one of the selected services.

28. (Previously Presented) The computer readable medium of Claim 21, wherein the template comprises a text based file.

29. (Previously Presented) The computer readable medium of Claim 21, wherein the template specifies events for a travel itinerary that includes an air transportation event, a lodging event, a ground transportation event, and a plurality of activities.

30. (Previously Presented) The computer readable medium of Claim 21, wherein the steps of accessing the remote service directory and querying the potential services each involve communications conforming to a publicly defined protocol.

31. **(Currently amended)** A consumer system comprising:

means for identifying a template specifying a plurality of ~~events~~ **unfulfilled events associated with an unaccomplished task designated by a user, wherein each of the events define a subtask to be completed to accomplish the task**;

means for determining a plurality of consumer descriptors**, wherein each consumer descriptor comprises consumer preferences for use during service scheduling**;

means for accessing a remote service directory having service descriptors for each of a plurality of services;

for each of the events:

means for filtering the services from the service directory based on the service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine potential ones of the services for fulfilling the ~~events~~ **event**;

means for querying each of the potential services for additional service descriptors;

means for filtering the potential services based on the additional service descriptors, the ~~events~~ **event**, and the consumer descriptors to determine selected ones of the services for fulfilling the ~~events~~ **event**;

means for identifying service links for accessing the selected services; **and**

means for modifying the template to associate the service links with the ~~events;~~ **events; and**

~~means for determining whether each of the events in the template has an associated service link; and~~

means for~~, when each of the events in the template has an associated service link,~~ presenting the template for ~~acceptance.~~ **acceptance,**

wherein for each of the potential services, the additional service descriptors comprise a plurality of interface descriptors each identifying a feature of the potential service and a format for interfacing with the feature and

wherein each of the service links points to a particular feature of the identified service and specifies a command for accessing the particular feature.